

Features

- 15" TFT display w/ optional touch screen
- Class I/Div 2, Class II/Div 2 and ATEX/IECEX Zone 2 approved
- Shock and vibration resistant
- Extended temperature range for indoor/outdoor use
- Transflective display available
- 1.6 GHz Intel® Atom™ processor or 1.5 GHz Core™ 2 Duo
- 80 GB SSD
- 2 GB RAM

Application

The PC8215 panel mount operator workstation is designed for continuous use in harsh environments such as manufacturing, oil & gas, and chemical applications.

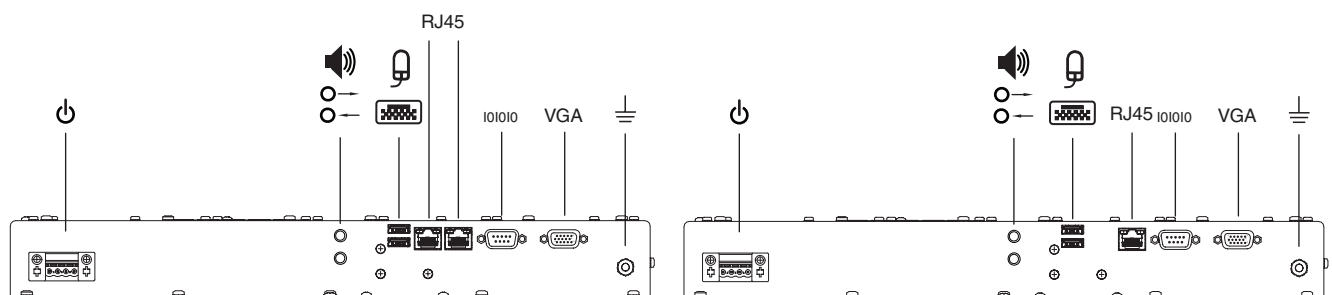
The PC8215 series features a 1.6 GHz Intel® Atom™ processor or a 1.5 GHz Core™ 2 Duo with available 80 GB SSD storage.



This 15" PC operator workstation features touchscreen and transflective options.

The front bezel is rated Type 4/4X.



Connection

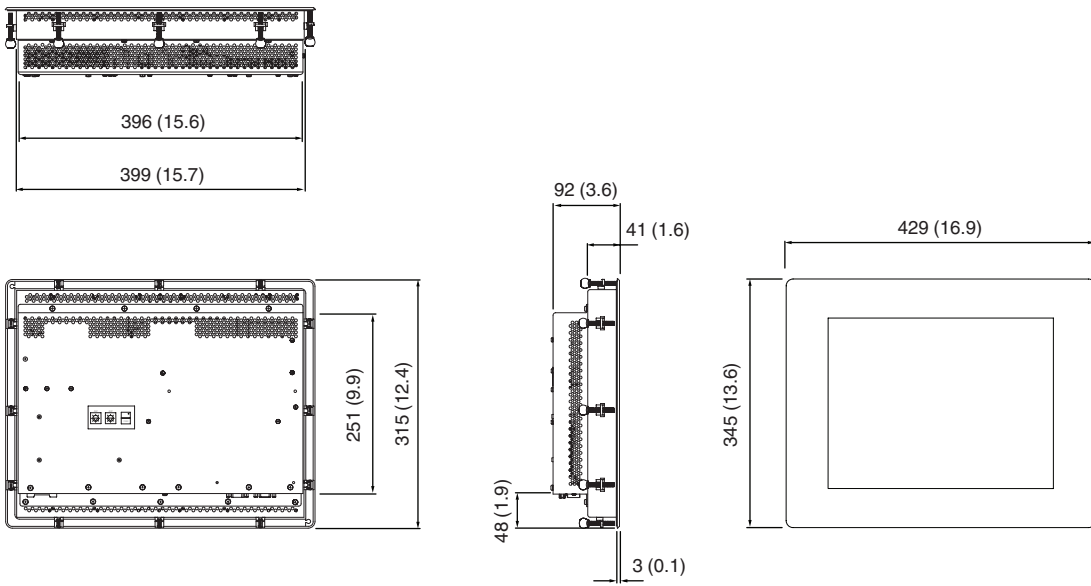


Hardware	
Processor	Intel® Atom™ 1.6 GHz or Core™ 2 Duo 1.5 GHz
RAM	2 GB
Mass storage	80 GB SSD
Supply	
Connection	Terminals
Power consumption	20 ... 30 VDC , 2.5 A max
Indicators/operating means	
Display	
Screen diagonal	15.0 " (38.1 cm)
Response time	15 ms
Resolution	1024 x 768
Color depth	24 bit (16.7 M) color
Contrast	600:1
Brightness	Standard: 500 nit Transflective: 600 nit Zone 2: 400 nit
Reading angle	160° in all directions
Life span	Back lamp life: 50,000 hrs typical half life
Input devices	
Touchscreen	5-wire resistive 5-wire hardened resistive
Interface	
Interface type	Core™ 2 Duo : 1 GB ethernet, 2 x USB, audio, RS232, power Intel® Atom™ : 2 x 1 GB ethernet, 2 x USB, audio, RS232, power
Directive conformity	
Electromagnetic compatibility	
Directive 89/336/EEC	EN55022A, EN61000-6-2, EN61000-3-2, EN61000-3-3
Software	
Operating system	Windows XP Professional SP3 or Windows 7 Ultimate (32-Bit)
Ambient conditions	
Operating temperature	-20 ... 50 °C (-4 ... 122 °F)
Storage temperature	-20 ... 60 °C (-4 ... 140 °F)
Relative humidity	0 ... 90% (noncondensing)
Mechanical specifications	
Protection degree	Type 4X (stainless steel) Type 4 (painted steel) IP66
Material	Bezel: black painted steel or 316L satinless steel
Installation	panel mount panel cutout: 404 x 320 mm (15.9 x 12.6 inches)
Mass	8.6 kg (19 lb)
Dimensions	Intel® Atom™: 429 x 345 x 92 mm (16.9 x 13.6 x 3.6 inches) Core™ 2 Duo: 429 x 345 x 132 mm (16.9 x 13.6 x 5.2 inches)
Data for application in connection with Ex-areas	
EC-Type Examination Certificate	
Group, category, type of protection	 II 3G Ex nA nC IIC T4 Gc  II 3G Ex nA IIC T4 Gc
Directive conformity	
Directive 94/9/EC	EN 60079-15:2010 , EN 60079-0: 2009 IECEX 60079-15 (4th addition) , IECEx 60079-0 (5th addition)
International approvals	
UL approval	cULus : Class I/Div 2, A - D; Class II/Div 2, F & G; T4
IECEX approval	II 3G Ex nA nC IIC T4 Gc II 3G Ex nA IIC T4 Gc

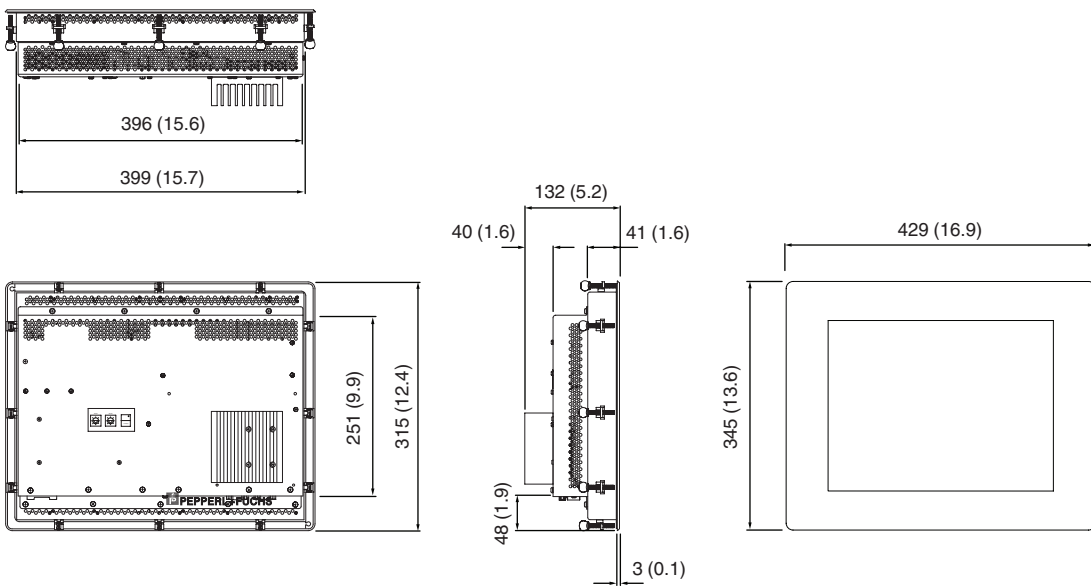
Release date 2012-12-07 14:57 Date of issue 2012-12-07 547160_eng.xml

Dimensions

Atom™



Core™ 2 Duo



Release date 2012-12-07 14:57 Date of issue 2012-12-07 547160_eng.xml

Type code

P C 8 2 1 5 A - G P - P 7 D C - C L 5 N K 0 L 0 - S 0 - N

